

MILWAUKEE WATER WORKS**Rate Design Proposal**

	<u>Schedule</u>
Comparison of Revenue at Present Rates, Cost of Service and Proposed Rates	12
Proposed Water Rates and Rules	13
Customer Water Bill Comparison at Present and Proposed Rates	14

MILWAUKEE WATER WORKS
Comparison of Revenue
at Present Rates, Cost of Service and Proposed Rates

Customer Class	Revenue at Present Rates	Cost of Service		Proposed Rates		
		Revenue Required	Increase Over Present Rates	Revenue	Increase Over Present Rates	Percent of Cost of Service
General Service (Volumetric & Meter Charge) - Retail						
Urban Residential	\$ 30,205,649	\$ 33,228,036	10.01%	\$ 32,450,823	7.43%	97.66%
Urban Commercial	\$ 16,599,937	\$ 17,757,844	6.98%	\$ 18,396,882	10.83%	103.60%
Urban Industrial	\$ 5,288,905	\$ 6,517,433	23.23%	\$ 5,895,961	11.48%	90.46%
Urban Public Authority	\$ 3,611,406	\$ 4,527,557	25.37%	\$ 3,917,430	8.47%	86.52%
Urban Total	\$ 55,705,897	\$ 62,030,869	11.35%	\$ 60,661,095	8.90%	97.79%
Suburban Residential	\$ 3,565,461	\$ 3,135,444	-12.06%	\$ 3,832,665	7.49%	122.24%
Suburban Commercial	\$ 2,420,434	\$ 2,003,878	-17.21%	\$ 2,680,444	10.74%	133.76%
Suburban Industrial	\$ 96,859	\$ 69,174	-28.58%	\$ 105,062	8.47%	151.88%
Suburban Public Authority	\$ 46,290	\$ 44,699	-3.44%	\$ 50,467	9.02%	112.90%
Suburban Total	\$ 6,129,044	\$ 5,253,196	-14.29%	\$ 6,668,638	8.80%	126.94%
West Milwaukee Residential	\$ 155,430	\$ 155,300	-0.08%	\$ 167,861	8.00%	108.09%
West Milwaukee Commercial	\$ 128,906	\$ 122,778	-4.75%	\$ 127,278	-1.26%	103.67%
West Milwaukee Industrial	\$ 399,209	\$ 389,954	-2.32%	\$ 393,816	-1.35%	100.99%
West Milwaukee Public Authority	\$ -	\$ -		\$ -		
West Milwaukee Total	\$ 683,545	\$ 668,032	-2.27%	\$ 688,955	0.79%	103.13%
Retail Residential Total	\$ 33,926,540	\$ 36,518,779	7.64%	\$ 36,451,348	7.44%	99.82%
Retail Commercial Total	\$ 19,149,277	\$ 19,884,500	3.84%	\$ 21,204,604	10.73%	106.64%
Retail Industrial Total	\$ 5,784,973	\$ 6,976,562	20.60%	\$ 6,394,839	10.54%	91.66%
Retail Public Authority Total	\$ 3,657,696	\$ 4,572,256	25.00%	\$ 3,967,897	8.48%	86.78%
Retail Total	\$ 62,518,486	\$ 67,952,097	8.69%	\$ 68,018,688	8.80%	100.10%
General Service (Volumetric & Meter Charge) - Wholesale						
Brown Deer	\$ 622,758	\$ 793,302	27.39%	\$ 794,488	27.58%	100.15%
Butler	\$ 144,582	\$ 180,587	24.90%	\$ 180,983	25.18%	100.22%
Greendale	\$ 567,407	\$ 817,659	44.10%	\$ 819,417	44.41%	100.21%
Menomonee Falls	\$ 1,336,749	\$ 1,733,588	29.69%	\$ 1,735,973	29.87%	100.14%
Mequon	\$ 466,272	\$ 603,562	29.44%	\$ 604,172	29.58%	100.10%
New Berlin	\$ 1,151,946	\$ 1,473,426	27.91%	\$ 1,474,852	28.03%	100.10%
Shorewood	\$ 662,589	\$ 799,530	20.67%	\$ 801,320	20.94%	100.22%
Wauwatosa	\$ 2,034,896	\$ 2,715,693	33.46%	\$ 2,719,578	33.65%	100.14%
West Allis	\$ 2,260,523	\$ 2,878,873	27.35%	\$ 2,880,246	27.41%	100.05%
County Institutions	\$ 470,756	\$ 541,677	15.07%	\$ 543,269	15.40%	100.29%
Wholesale 11	\$ -	\$ -		\$ -		
Wholesale 12	\$ -	\$ -		\$ -		
Wholesale Total	\$ 9,718,478	\$ 12,537,898	29.01%	\$ 12,554,297	29.18%	100.13%
Public Fire Protection - Total	\$ 6,552,990	\$ 8,466,508	29.20%	\$ 7,497,603	14.41%	88.56%
Total Sytem	\$ 78,789,954	\$ 88,956,502	12.90%	\$ 88,070,588	11.78%	99.00%

MILWAUKEE WATER WORKS
Comparison of Revenue
at Present Rates, Cost of Service and Proposed Rates

Customer Class	Revenue at Present Rates	Cost of Service		Proposed Rates		
		Revenue Required	Increase Over Present Rates	Revenue	Increase Over Present Rates	Percent of Cost of Service
Public Fire Protection - Retail						
Urban - Milwaukee	\$ 5,285,268	\$ 6,906,615	30.68%	\$ 6,078,363	15.01%	88.01%
Suburban - Greenfield	\$ 448,659	\$ 450,602	0.43%	\$ 521,254	16.18%	115.68%
Suburban - Hales Corners	\$ 58,891	\$ 114,082	93.72%	\$ 66,424	12.79%	58.23%
Suburban - St. Francis	\$ 111,179	\$ 135,286	21.68%	\$ 128,682	15.74%	95.12%
Suburban - Others	\$ 618,729	\$ 699,970	13.13%	\$ 716,361	15.78%	102.34%
Suburban - West Milwaukee	\$ 54,341	\$ 62,418	14.86%	\$ 54,799	0.84%	87.79%
Suburban Total	\$ 673,069	\$ 762,388	13.27%	\$ 771,160	14.57%	101.15%
Retail Total	\$ 5,958,338	\$ 7,669,003	28.71%	\$ 6,849,523	14.96%	89.31%
Public Fire Protection - Wholesale						
Brown Deer	\$ 31,988	\$ 49,155	53.67%	\$ 39,556	23.66%	80.47%
Butler	\$ 6,983	\$ 9,554	36.81%	\$ 7,260	3.97%	75.99%
Greendale	\$ 37,377	\$ 56,440	51.00%	\$ 45,974	23.00%	81.46%
Menomonee Falls	\$ 86,903	\$ 98,633	13.50%	\$ 78,004	-10.24%	79.08%
Mequon	\$ 20,740	\$ 31,920	53.90%	\$ 24,979	20.44%	78.25%
New Berlin	\$ 70,180	\$ 93,597	33.37%	\$ 76,505	9.01%	81.74%
Shorewood	\$ 36,969	\$ 55,976	51.41%	\$ 45,662	23.51%	81.57%
Wauwatosa	\$ 113,848	\$ 163,503	43.62%	\$ 130,915	14.99%	80.07%
West Allis	\$ 149,754	\$ 212,323	41.78%	\$ 180,080	20.25%	84.81%
County Institutions	\$ 39,910	\$ 26,403	-33.84%	\$ 19,144	-52.03%	72.51%
Wholesale 11	\$ -	\$ -		\$ -		
Wholesale 12	\$ -	\$ -		\$ -		
Wholesale Total	\$ 594,652	\$ 797,505	34.11%	\$ 648,080	8.98%	81.26%
Public Fire Protection - Total	\$ 6,552,990	\$ 8,466,508	29.20%	\$ 7,497,603	14.41%	88.56%
Summary: General Service and Public Fire Protection						
Retail						
Urban - Milwaukee	\$ 60,991,165	\$ 68,937,485	13.03%	\$ 66,739,459	9.42%	96.81%
Suburban - Others	\$ 6,747,773	\$ 5,953,166	-11.78%	\$ 7,384,998	9.44%	124.05%
Suburban - West Milwaukee	\$ 737,886	\$ 730,450	-1.01%	\$ 743,754	0.80%	101.82%
Retail Total	\$ 68,476,824	\$ 75,621,100	10.43%	\$ 74,868,211	9.33%	99.00%
Wholesale						
Brown Deer	\$ 654,745	\$ 842,457	28.67%	\$ 834,044	27.38%	99.00%
Butler	\$ 151,565	\$ 190,141	25.45%	\$ 188,244	24.20%	99.00%
Greendale	\$ 604,784	\$ 874,100	44.53%	\$ 865,391	43.09%	99.00%
Menomonee Falls	\$ 1,423,653	\$ 1,832,222	28.70%	\$ 1,813,976	27.42%	99.00%
Mequon	\$ 487,012	\$ 635,482	30.49%	\$ 629,151	29.19%	99.00%
New Berlin	\$ 1,222,126	\$ 1,567,023	28.22%	\$ 1,551,357	26.94%	99.00%
Shorewood	\$ 699,557	\$ 855,506	22.29%	\$ 846,981	21.07%	99.00%
Wauwatosa	\$ 2,148,744	\$ 2,879,196	33.99%	\$ 2,850,493	32.66%	99.00%
West Allis	\$ 2,410,277	\$ 3,091,196	28.25%	\$ 3,060,326	26.97%	99.00%
County Institutions	\$ 510,666	\$ 568,080	11.24%	\$ 562,413	10.13%	99.00%
Wholesale 11	\$ -	\$ -		\$ -		
Wholesale 12	\$ -	\$ -		\$ -		
Wholesale Total	\$ 10,313,130	\$ 13,335,402	29.31%	\$ 13,202,376	28.02%	99.00%
Total System	\$ 78,789,954	\$ 88,956,502	12.90%	\$ 88,070,588	11.78%	99.00%

MILWAUKEE WATER WORKS**Authorized Rates and Rules**Public Fire Protection Service - Urban Retail: City of Milwaukee - - F-1

Under Wis. Stat. § 196.03(3)(b), the municipality has chosen to have the utility bill the retail general service customers for public fire protection service.

This service shall include the use of hydrants for fire protection service only and such quantities of water as may be demanded for the purpose of extinguishing fires within the service area. This service shall also include water used for testing equipment and training personnel. For all other purposes, the metered or other rates set forth, or as may be filed with the Public Service Commission, shall apply.

Quarterly Public Fire Protection Service Charges:

-inch meter - \$	7.58	3 -inch meter - \$	113.70
¾ -inch meter - \$	7.58	4 -inch meter - \$	189.50
1 -inch meter - \$	18.95	6 -inch meter - \$	378.99
1¼ -inch meter - \$	18.95	8 -inch meter - \$	606.38
1½ -inch meter - \$	37.90	10 -inch meter - \$	909.58
2 -inch meter - \$	60.64	12 -inch meter - \$	1,212.77

Customers who are provided service under Schedule Mg-1 shall also be subject to the charges in this schedule.

Billing: Same as Schedule Mg-1.

Public Fire Protection Service - Suburban: Greenfield, Hales Corners, and St. Francis - - F-1.1

For public fire protection service furnished to areas served at retail outside the City of Milwaukee where the suburban retail communities have chosen to have the utility directly bill public fire protection to all classes of retail general service customers under Wis. Stat. § 196.03(3)(b), the charges to cover the use of facilities shall be the following.
(Urban charges in Schedule F-1 plus 25 percent surcharge).

Quarterly Public Fire Protection Service Charges:

-inch meter - \$	9.48	3 -inch meter - \$	142.13
¾ -inch meter - \$	9.48	4 -inch meter - \$	236.88
1 -inch meter - \$	23.69	6 -inch meter - \$	473.74
1¼ -inch meter - \$	23.69	8 -inch meter - \$	757.98
1½ -inch meter - \$	47.38	10 -inch meter - \$	1,136.98
2 -inch meter - \$	75.80	12 -inch meter - \$	1,515.96

Customers who are provided service under Schedule Mg-2 shall also be subject to the charges in this schedule.

Billing: Same as Schedule Mg-1.

Public Fire Protection Service - Suburban: West Milwaukee - - F-1.2

For public fire protection service furnished to West Milwaukee where the suburban retail community has chosen to have the utility directly bill public fire protection to all classes of retail general service customers under Wis. Stat. § 196.03(3)(b), the charges to cover the use of facilities shall be the following.

Quarterly Public Fire Protection Service Charges:

-inch meter - \$	7.56	3 -inch meter - \$	113.42
¾ -inch meter - \$	7.56	4 -inch meter - \$	189.03
1 -inch meter - \$	18.90	6 -inch meter - \$	378.05
1¼ -inch meter - \$	18.90	8 -inch meter - \$	604.88
1½ -inch meter - \$	37.81	10 -inch meter - \$	907.32
2 -inch meter - \$	60.49	12 -inch meter - \$	1,209.76

Customers who are provided service under Schedule Mg-2 shall also be subject to the charges in this schedule.

Billing: Same as Schedule Mg-1.

Private Fire Protection Service - - - Pf-1

This service shall consist of permanent or continuous unmetered connections to the main for the purpose of supplying water to private fire protection systems such as automatic sprinkler systems, standpipes, and private hydrants. This service shall also include reasonable quantities of water used for testing check valves and other backflow prevention devices.

Quarterly Private Fire Protection Service Demand Charges - Urban - City of Milwaukee:

1-inch connection	\$ 12.00
1½-inch connection	\$ 14.25
2-inch connection	\$ 16.50
3-inch connection	\$ 21.00
4-inch connection	\$ 33.00
6-inch connection	\$ 60.00
8-inch connection	\$ 81.00
10-inch connection	\$ 123.00
12-inch connection	\$ 231.00
14-inch connection	\$ 249.00
16-inch connection	\$ 474.00

Quarterly Private Fire Protection Service Demand Charges - Suburban Retail Communities:
(Urban charges above plus 25 percent surcharge)

1-inch connection	\$ 15.00
1½-inch connection	\$ 17.82
2-inch connection	\$ 20.63
3-inch connection	\$ 26.25
4-inch connection	\$ 41.25
6-inch connection	\$ 75.00
8-inch connection	\$ 101.25
10-inch connection	\$ 153.75
12-inch connection	\$ 288.75
14-inch connection	\$ 311.25
16-inch connection	\$ 592.50

Billing: Same as Schedule Mg-1.General Service - Urban Retail - City of Milwaukee - - - Mg-1

Quarterly Service Charges:

-inch meter - \$	17.12	6 -inch meter - \$	314.33
¾ -inch meter - \$	17.12	8 -inch meter - \$	477.20
1 -inch meter - \$	27.58	10 -inch meter - \$	691.28
1¼ -inch meter - \$	27.58	12 -inch meter - \$	905.35
1½ -inch meter - \$	46.87	14 -inch meter - \$	1,119.43
2 -inch meter - \$	71.49	16 -inch meter - \$	1,333.50
3 -inch meter - \$	116.60	20 -inch meter - \$	1,761.65
4 -inch meter - \$	177.06	24 -inch meter - \$	2,189.90

Volume Charges for Water Used Per Quarter:

Residential:

	<u>Per 100 Cubic Feet</u>	<u>Per 1,000 Gallons</u>
All Usage	\$1.820	\$2.433

Non-Residential:

	<u>Per 100 Cubic Feet</u>	<u>Per 1,000 Gallons</u>
First 500,000 cubic feet or 3,750,000 gallons	\$1.910	\$2.553
Next 1,500,000 cubic feet or 11,250,000 gallons	\$1.220	\$1.631
Over 2,000,000 cubic feet or 15,000,000 gallons	\$1.100	\$1.470

Billing: See Water Utility Operating Rules (Schedule X-1), Chapter 5 - Billing and Collection

Late Payment Charge: 5 percent (See also Wis. Stat. § 62.69(2)(e))

Large volume retail customers may be billed monthly based on monthly meter readings at the discretion of Milwaukee Water Works.

General Service - Urban - - - Mg-1.1Payment Not Honored by Financial Institution Charge:

The utility shall assess a \$35.00 charge to the customer's account whenever a payment rendered for utility service is not honored by a financial institution. Financial institution charges and/or administrative costs are incurred for the processing and collecting of payments not honored by the financial institution. (City Ordinance 81-19.5)

Note: This replaces the Interim Meter Readings taken by Utility Staff Charge.

Special Meter Reading Charge:

The utility shall assess a \$30.00 charge to the requestor whenever an existing customer or the property owner request a special meter reading by utility personnel on a date other than the regularly scheduled meter reading. This charge may not be assessed if the customer or property owner provides the meter reading. This charge may not be assessed to a new customer.

Note: Delete this charge.

Status of Account Charge: \$10.00 per reading

Note: This replaces the Final Bill charge.

Special Billing Charge:

The utility shall assess a \$35.00 charge to the requestor to cover administrative expenses whenever an existing customer or the property owner requests a special billing outside of the normal utility billing. This charge may not be assessed to a new customer.

Investigation Charge: \$60.00 per investigation following the first free investigation

Investigations have been performed the utility as a customer service. They generally are scheduled in advance and the customer is advised to be present to give access to the building. At times, the customer fails to be present or is unable to give full access. Some customers demand additional investigations within a short period of time under circumstances that do not warrant the additional effort. This charge for additional investigations compensates the Milwaukee Water Works for the resulting cost. A first no-show would not be charged. A second no-show would be chargeable. This charge would also be made for a second or subsequent investigation within a three month period.

Note: This is a new request for a charge.

Records Request Charge:

The utility shall assess a charge whenever a customer or the property owner requests copies of bills that exceed two years from the request date. The charge is \$3.00 per bill.

Note: This is a new request for a charge.

Seasonal Service Charge:

The utility shall assess a charge whenever general service customers voluntarily request disconnection of water service and resume service at the same location within 12 months of the disconnection, unless service has been provided to another customer at that location in the intervening period. The utility shall bill these customer the applicable service charges under Schedule Mg-1 year round, including the period of temporary disconnection. Upon reconnection, the utility shall bill a Reconnection Charge (under this schedule) and require payment of any unpaid charges incurred under Schedule Mg-1. Further, if service has been disconnected or a meter removed, a meter reset charge (under Schedule Lc-1) shall be applied at the time of reconnection or meter reinstallation.

Note: This is a new request for a charge.

Reconnection Charge:

The utility shall assess a charge to reconnect a customer (turn on the valve at the curb stop). A utility may not assess a charge for disconnecting a customer.

During Normal Business Hours: \$50.00

After Normal Business Hours: \$75.00

Billing: Same as Schedule Mg-1.

General Service - Suburban Retail Communities - - - Mg-2

Quarterly Service Charges: (Urban charges plus 25 percent surcharge)

-inch meter - \$	21.40	6 -inch meter - \$	392.91
$\frac{3}{4}$ -inch meter - \$	21.40	8 -inch meter - \$	596.50
1 -inch meter - \$	34.48	10 -inch meter - \$	864.10
1 $\frac{1}{4}$ -inch meter - \$	34.48	12 -inch meter - \$	1,131.69
1 $\frac{1}{2}$ -inch meter - \$	58.59	14 -inch meter - \$	1,399.29
2 -inch meter - \$	89.36	16 -inch meter - \$	1,666.88
3 -inch meter - \$	145.75	20 -inch meter - \$	2,202.06
4 -inch meter - \$	221.33	24 -inch meter - \$	2,737.25

Volume Charges for Water Used per Quarter - Greenfield, Hales Corners, St. Francis, Brown Deer, Cudahy, Franklin, Glendale, Shorewood, Wauwatosa, West Allis, and similarly served areas:
(Urban charges plus 25 percent surcharge)

Residential:

	<u>Per 100 Cubic Feet</u>	<u>Per 1,000 Gallons</u>
All Usage	\$2.275	\$3.041

Non-Residential:

	<u>Per 100 Cubic Feet</u>	<u>Per 1,000 Gallons</u>
First 500,000 cubic feet or 3,750,000 gallons	\$2.388	\$3.192
Next 1,500,000 cubic feet or 11,250,000 gallons	\$1.525	\$2.038
Over 2,000,000 cubic feet or 15,000,000 gallons	\$1.375	\$1.838

Volume Charges for Water Used Per Quarter - West Milwaukee:

Residential & Non-Residential

	<u>Per 100 Cubic Feet</u>	<u>Per 1,000 Gallons</u>
First 10,000 cubic feet or 75,000 gallons	\$1.144	\$1.529

Next	490,000 cubic feet or 3,675,000 gallons	\$1.112	\$1.486
Next	1,500,000 cubic feet or 11,250,000 gallons	\$1.003	\$1.341
Over	2,000,000 cubic feet or 15,000,000 gallons	\$0.937	\$1.253

Billing: Same as Schedule Mg-1.

Miscellaneous Service - - - Mz-1

Deposits:

Hydrant Wrench:	\$200.00
Hydrant Cap:	\$160.00
Small Meter:	\$110.00
Large Meter:	\$980.00

Hydrant wrench and cap must be returned at the expiration of the hydrant use permit.

Hydrant Permits:

Sewer Flushing and Lining: Per 100 feet or portion thereof based on sewer diameter pipe below.

<u>Size</u>	<u>Amount</u>
12" and smaller	\$31.67
Larger than 12" to 24"	\$126.67
Larger than 24" to 36"	\$241.46
Larger than 36" to 60"	\$649.18
Larger than 60"	\$1,551.70

Metered Hydrant Use:

General Service Charge: \$70.00 per week (non-refundable)

Meter Installation: \$350.00 per occurrence

For Water Used Inside Milwaukee: Apply Urban Service Volume Rates (Schedule Mg-1)

For Water Used Outside Milwaukee: Apply Urban Volume Rates plus 25 percent surcharge.

When water is taken from a Milwaukee Water Works hydrant before obtaining the required permit, a permit fee equaling 4 times the normal original permit fee will be assessed (up to a maximum of \$2,000.00 per occurrence).

Meter size requirement is at the discretion of Milwaukee Water Works.

Garden Plots: Unmetered water from public hydrants used during the growing season (April through September) for garden plots on city property (outside the City of Milwaukee: add 25 percent surcharge) shall be charged the following rates for service:

Irrigable: \$70.00 service charge per hydrant connection per season.
\$26.00 per 1,000 square feet or portion thereof.
This volume is approximately 1,135 gallons per 100 square feet per growing season.

Hand-Carry: \$70.00 service charge per hydrant connection per season.
\$10.00 per 1,000 square feet or portion thereof.
This volume is approximately 427 gallons per 100 square feet per growing season.

City Boulevards Irrigated by Sprinklers: \$22.00 per 1,000 square feet annually.

Chargeable Hose Connections: \$1,020.00 per temporary hose connection at customer request.

Bulk Water Permits:

Set Up: \$70.00 annual fee (non-refundable)
Fill Charge: \$ 10.00 per visit to fill
Volume Charge: Same as Schedule Mg-1

Caulkers Test Charge: \$100.00 per test

Inspectors certify that contractor personnel are able to pass a written test on the procedure on how to caulk a water main during installation. The test takes about 1 hour.

Flow Test Charge: \$400.00 per test

Engineering provides water pressure and fire flow tests on the system. These tests take about 1 to 2 hours to complete.

Billing: Same as Schedule Mg-1.

Suburban Resale Service - Metered - - - W-1

General Service Charges and Public Fire Protection Service Charges:

	Quarterly General <u>Service</u>	Quarterly Fire <u>Protection</u>	Monthly General <u>Service</u>	Monthly Fire <u>Protection</u>
Brown Deer	\$ 2,386.00	\$ 9,888.96	\$ 795.33	\$ 3,296.32
Butler	\$ 785.82	\$ 1,815.11	\$ 261.94	\$ 605.04
Greendale	\$ 2,921.20	\$11,493.53	\$ 973.73	\$ 3,831.18

Menomonee Falls	\$ 2,921.20	\$19,500.89	\$ 973.73	\$ 6,500.30
Mequon	\$ 1,193.00	\$ 6,244.69	\$ 397.67	\$ 2,081.56
New Berlin	\$ 2,386.00	\$19,126.33	\$ 795.33	\$ 6,375.44
Shorewood	\$ 2,859.88	\$11,415.49	\$ 953.29	\$ 3,805.16
Wauwatosa	\$ 5,184.58	\$32,728.75	\$1,728.19	\$10,909.58
West Allis	\$ 3,456.40	\$45,020.03	\$1,152.13	\$15,006.68
County Institutions	\$ 2,859.88	\$ 4,786.12	\$ 953.29	\$ 1,595.37

Volume Charges:

	<u>Per 100 Cubic Feet</u>	<u>Per 1,000 Gallons</u>
Brown Deer	\$1.264	\$1.690
Butler	\$1.170	\$1.564
Greendale	\$1.458	\$1.949
Menomonee Falls	\$1.216	\$1.625
Mequon	\$1.350	\$1.805
New Berlin	\$1.212	\$1.620
Shorewood	\$1.274	\$1.703
Wauwatosa	\$1.238	\$1.655
West Allis	\$1.142	\$1.527
County Institutions	\$1.217	\$1.627

Billing: Same as Schedule Mg-1.Standby Service to City of Cudahy Water Utility - - - Ws-1

Standby Charge: \$3,500 per year, payable in equal installments on January 1 and July 1 for the year, in advance.

Volume Charge: Per Schedule Mg-1.

Standby Service to North Shore Water Commission - - - Ws-3

Standby Charge: \$2,700 per year, payable in equal installments on January 1 and July 1 for the year, in advance.

Volume Charge: Per Schedule Mg-1.

Charges for Connections, Repairs and Resetting Meters - - - Lc-1

Permit Application Charge:

The charge for each separate application made for a tap, branch, or extension includes a non-refundable \$100.00 fee.

Tapping Charge:

The tapping charge covers the cost of the supplied Milwaukee Water Works specified and inspected materials. Materials are to be obtained at the DPW Field Headquarters facility located at 3850 North 35th Street, Milwaukee, WI 53216. Telephone contact numbers are (414) 286-0669 or (414) 286-6123.

Materials include: corporation stop, curb stop, service box (and in paved area a roadway service box) and saddle if specified. Service insulator supplied by the permit holder shall be installed at the curb stop. If work is commenced without obtaining a permit, a permit fee equal to 4 times the normal original fee will be assessed up to a maximum of \$2,000.00 per occurrence.

Main size (Inches)	Service Pipe Size (Inches)		
	1	1½	2
4	\$289.00*	\$356.00*	\$519.00*
6	\$220.00	\$379.00*	\$551.00*
8	\$220.00	\$434.00*	\$606.00*
12 and larger	\$220.00	\$434.00	\$606.00

*Requires and includes tapping saddle

Roadway Service Box (if service box is in a paved roadway) - \$180.00

Branch Charge:

The branch charge includes furnishing and installing a special sleeve or tee as required, the branch valve (gate or butterfly), and furnishing the valve box and cover. When work is commenced without obtaining the required permit, a permit fee equaling 4 times the normal original fee will be assessed (up to a maximum of \$2,000.00 per occurrence).

Main Size (Inches)	Service Pipe Size (Inches)					
	3	4	6	8	10	12
6	\$1,600.00*	\$1,760.00	\$2,060.00	N/A	N/A	N/A
8	\$1,600.00*	\$1,760.00	\$2,040.00	\$2,870.00	N/A	N/A
12	N/A	\$1,910.00	\$2,200.00	\$2,720.00	\$2,650.00	\$3,000.00
16	N/A	\$2,110.00	\$2,170.00	\$2,260.00	\$3,070.00	\$3,630.00
20	N/A	\$4,200.00**	\$4,580.00	\$4,430.00	\$4,630.00	\$4,520.00

* - Plumber must supply a reducer at branch valve to install 3-inch pipe.

** - Plumber must supply a reducer at branch valve to install 4-inch pipe.

N/A - Not applicable.

Extension (Meters) Charge:

The extension charge includes furnishing, testing, and installing the meter and automatic meter reading (AMR) device. Prices on request for meter types and sizes not listed. When work is commenced without obtaining the required permit, a permit fee equaling 4 times the normal original fee will be assessed (up to a maximum of \$2,000.00 per occurrence).

Meter Size (Inches)	Positive Displacement	Compound Turbine
	\$240.00	N/A
¾	\$260.00	N/A
1	\$310.00	N/A
1½	\$590.00	N/A
2	\$780.00	N/A
2C	N/A	\$ 1,710.00
3	N/A	\$ 2,190.00
4	N/A	\$ 3,220.00
6	N/A	\$ 4,630.00
8	N/A	\$ 6,940.00
10	N/A	\$ 8,460.00
4×2	N/A	\$ 6,400.00
6×2	N/A	\$ 8,420.00
8×2	N/A	\$11,040.00
10×2	N/A	\$15,900.00

Repair Charges:

Rule 4.1.3 of City of Milwaukee, Department of Public Works, Milwaukee Water Works, Rules and Regulations Governing Water Service, requires that damage through customer negligence be repaired by the utility at the customer's expense. Repair expense will be billed at established rates for parts and labor for actual time and material used. Charges for complaint tests will be made in accordance with Wis. Admin. Code §§ PSC 185.77 and 185.78.

Meter Reset Charges:

A meter reset charge applies to an account when utility personnel make a service call and find the meter missing, removed illegally, or previously removed at the owner's request.

Meter Size (Inches)	Charge
	\$ 50.00
¾	\$ 50.00
1	\$ 50.00
1½	\$ 150.00
2	\$ 200.00
2C	\$ 300.00

3	\$ 390.00
4	\$ 390.00
6	\$ 590.00
8	\$ 790.00
10	\$ 790.00
4×2	\$ 790.00
6×2	\$ 790.00
8×2	\$1,180.00
10×2	\$1,580.00

Water Utility Operating Rules

No change.

MILWAUKEE WATER WORKS

Customer Water Bill Comparison at Present and Proposed Rates
Urban - Milwaukee

Customer Type	Meter Size (Inches)	Volume (100 Cu Ft)	Quarterly			Quarterly including Public Fire Protection		
			Bills at Old Rates	Bills at New Rates	Percent Change	Bills at Old Rates	Bills at New Rates	Percent Change
Small Residential	5/8	5	\$ 23.79	\$ 26.22	10.2%	\$ 29.54	\$ 33.80	14.4%
Residential	5/8	15	41.09	44.42	8.1%	46.84	52.00	11.0%
Average Residential	5/8	26	60.12	64.44	7.2%	65.87	72.02	9.3%
Residential	3/4	50	101.64	108.12	6.4%	107.39	115.70	7.7%
Residential	3/4	75	144.89	153.62	6.0%	150.64	161.20	7.0%
Commercial	1	100	199.88	218.58	9.4%	218.94	237.53	8.5%
Commercial	1 1/2	200	387.60	428.87	10.6%	430.86	466.77	8.3%
Commercial	1 1/2	500	876.60	1,001.87	14.3%	919.86	1,039.77	13.0%
Commercial	2	1,000	1,724.36	1,981.49	14.9%	1,790.80	2,042.13	14.0%
Commercial	3	2,000	3,433.77	3,936.60	14.6%	3,566.64	4,050.30	13.6%
Commercial	4	5,000	8,487.23	9,727.06	14.6%	8,703.53	9,916.56	13.9%
Public Authority	8	7,000	11,215.17	12,467.20	11.2%	11,928.96	13,073.58	9.6%
Large Commercial	6	10,000	14,140.61	15,964.33	12.9%	14,548.49	16,343.32	12.3%
Large Public Authority	10	12,000	17,051.17	18,781.28	10.1%	17,962.72	19,690.86	9.6%
Large Industrial	6	20,000	24,940.61	28,164.33	12.9%	25,348.49	28,543.32	12.6%
Large Public Authority	6	28,000	32,700.61	36,964.33	13.0%	33,108.49	37,343.32	12.8%
Large Industrial	8	90,000	93,155.17	105,327.20	13.1%	93,868.96	105,933.58	12.9%
Large Industrial	10	100,000	103,291.17	116,541.28	12.8%	104,202.72	117,450.86	12.7%

MILWAUKEE WATER WORKS

Customer Water Bill Comparison at Present and Proposed Rates
Suburban - Greenfield, Hales Corners, St. Francis

Customer Type	Meter Size (Inches)	Volume (100 Cu Ft)	Quarterly			Quarterly including Public Fire Protection		
			Bills at Old Rates	Bills at New Rates	Percent Change	Bills at Old Rates	Bills at New Rates	Percent Change
Small Residential	5/8	5	\$ 29.75	\$ 32.78	10.2%	\$ 36.94	\$ 42.26	14.4%
Residential	5/8	15	51.38	55.53	8.1%	58.57	65.01	11.0%
Average Residential	5/8	22	66.52	71.45	7.4%	73.71	80.93	9.8%
Residential	3/4	50	127.08	135.15	6.4%	134.27	144.63	7.7%
Residential	3/4	75	181.16	192.03	6.0%	188.35	201.51	7.0%
Commercial	1	100	249.91	273.28	9.4%	273.73	296.97	8.5%
Commercial	1	150	351.61	392.68	11.7%	375.43	416.37	10.9%
Commercial	1 1/2	200	484.21	536.19	10.7%	538.29	583.57	8.4%
Commercial	1 1/2	500	1,094.41	1,252.59	14.5%	1,148.49	1,299.97	13.2%
Commercial	2	750	1,643.85	1,880.36	14.4%	1,726.90	1,956.16	13.3%
Commercial	2	1,000	2,152.35	2,477.36	15.1%	2,235.40	2,553.16	14.2%
Public Authority	2	1,500	3,169.35	3,671.36	15.8%	3,252.40	3,747.16	15.2%
Public Authority	3	2,000	4,285.61	4,921.75	14.8%	4,451.70	5,063.88	13.8%
Commercial	3	3,000	6,319.61	7,309.75	15.7%	6,485.70	7,451.88	14.9%
Industrial	4	4,000	8,557.94	9,773.33	14.2%	8,828.32	10,010.21	13.4%
Large Commercial	6	5,000	10,908.67	12,332.91	13.1%	11,418.52	12,806.65	12.2%
Large Industrial	6	10,000	17,668.67	19,957.91	13.0%	18,178.52	20,431.65	12.4%
Large Industrial	8	25,000	37,631.87	42,286.50	12.4%	38,524.11	43,044.48	11.7%

MILWAUKEE WATER WORKS

Customer Water Bill Comparison at Present and Proposed Rates
Suburban - West Milwaukee

Customer Type	Meter Size (Inches)	Volume (100 Cu Ft)	Quarterly			Quarterly including Public Fire Protection		
			Bills at Old Rates	Bills at New Rates	Percent Change	Bills at Old Rates	Bills at New Rates	Percent Change
Small Residential	5/8	5	\$ 24.56	\$ 27.31	11.2%	\$ 30.67	\$ 34.87	13.7%
Residential	5/8	15	35.82	39.12	9.2%	41.93	46.68	11.3%
Average Residential	5/8	27	49.33	53.29	8.0%	55.44	60.85	9.7%
Residential	3/4	50	75.23	80.45	6.9%	81.34	88.01	8.2%
Residential	3/4	75	103.38	109.98	6.4%	109.49	117.54	7.3%
Commercial	1	100	146.21	148.88	1.8%	166.46	167.78	0.8%
Commercial	1	150	200.96	204.48	1.8%	221.21	223.38	1.0%
Commercial	1 1/2	200	286.61	284.19	-0.8%	332.58	322.00	-3.2%
Commercial	1 1/2	500	615.11	617.79	0.4%	661.08	655.60	-0.8%
Commercial	2	750	929.80	926.56	-0.3%	1,000.39	987.05	-1.3%
Commercial	2	1,000	1,203.55	1,204.56	0.1%	1,274.14	1,265.05	-0.7%
Commercial	2	1,500	1,751.05	1,760.56	0.5%	1,821.64	1,821.05	0.0%
Commercial	3	2,000	2,397.81	2,372.95	-1.0%	2,538.98	2,486.37	-2.1%
Industrial	3	3,000	3,492.81	3,484.95	-0.2%	3,633.98	3,598.37	-1.0%
Commercial	4	4,000	4,792.14	4,672.53	-2.5%	5,021.96	4,861.56	-3.2%
Industrial	4	5,000	5,887.14	5,784.53	-1.7%	6,116.96	5,973.56	-2.3%
Large Industrial	6	10,000	11,138.87	10,971.11	-1.5%	11,572.24	11,349.16	-1.9%
Large Industrial	8	25,000	26,012.07	25,889.70	-0.5%	26,770.47	26,494.58	-1.0%